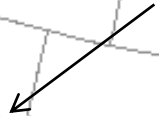


Weather forecast graphics
for CalWater/HMT-2011:
26 February 2011

SPC Storm Reports for 02/25/11

Map updated at 1503Z on 02/26/11

**Tornado
and Hail!**



NORR

TORNADO REPORTS.. (1)
WIND REPORTS/HI..... (12/0)
HAIL REPORTS/LG..... (1/0)
TOTAL REPORTS..... (14)

National Weather Service
Storm Prediction Center
Norman, Oklahoma.

■ High Wind Report (65KT +)
▲ Large Hail Report (2" dia. +)

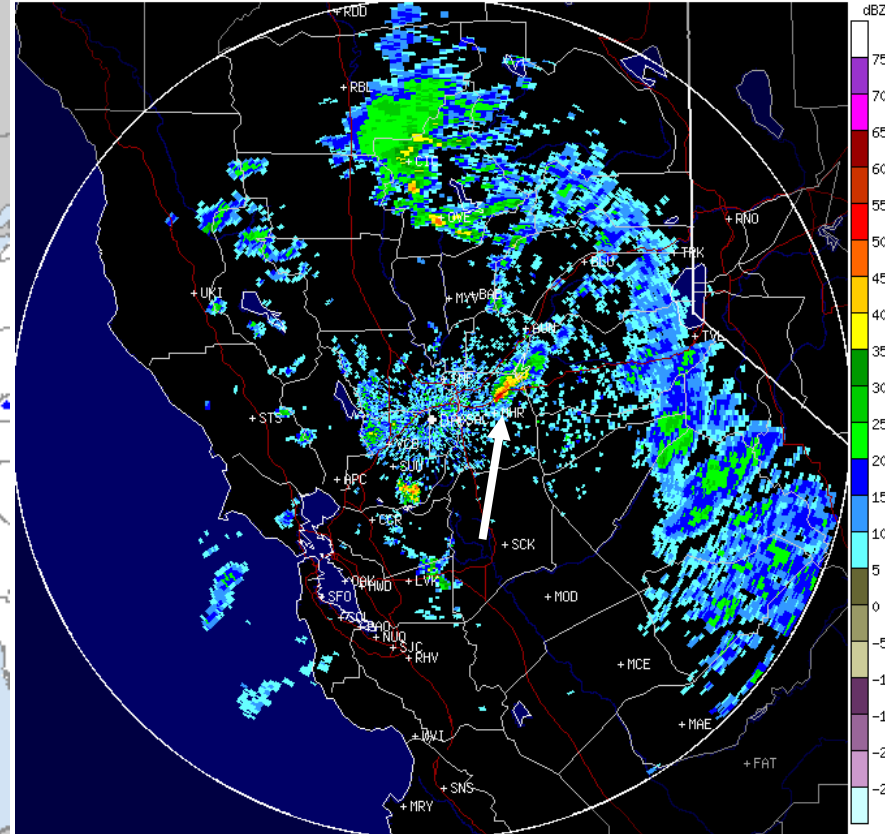
PRELIMINARY DATA ONLY

KDAX -- Sacramento, CA

Base Reflectivity: 0.5 degrees, Precip Mode

22:59:53 UTC Fri 25 February 2011

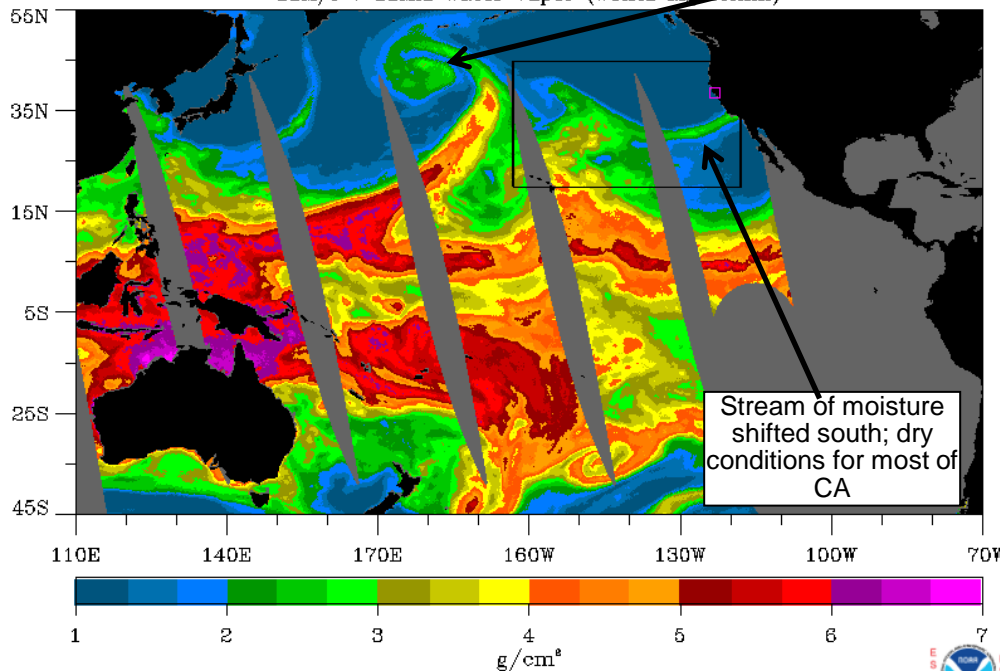
(c) UCAR <http://www.rap.ucar.edu/weather/radar/>



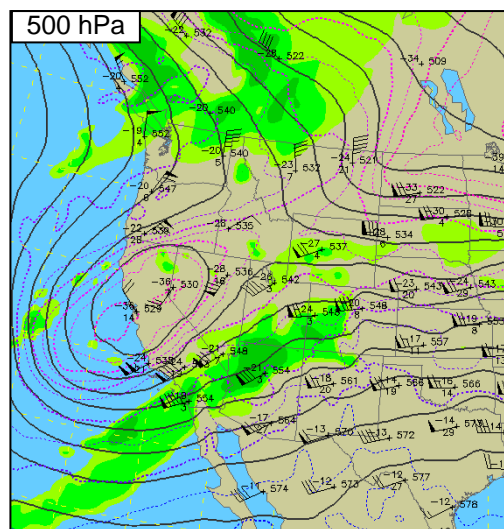
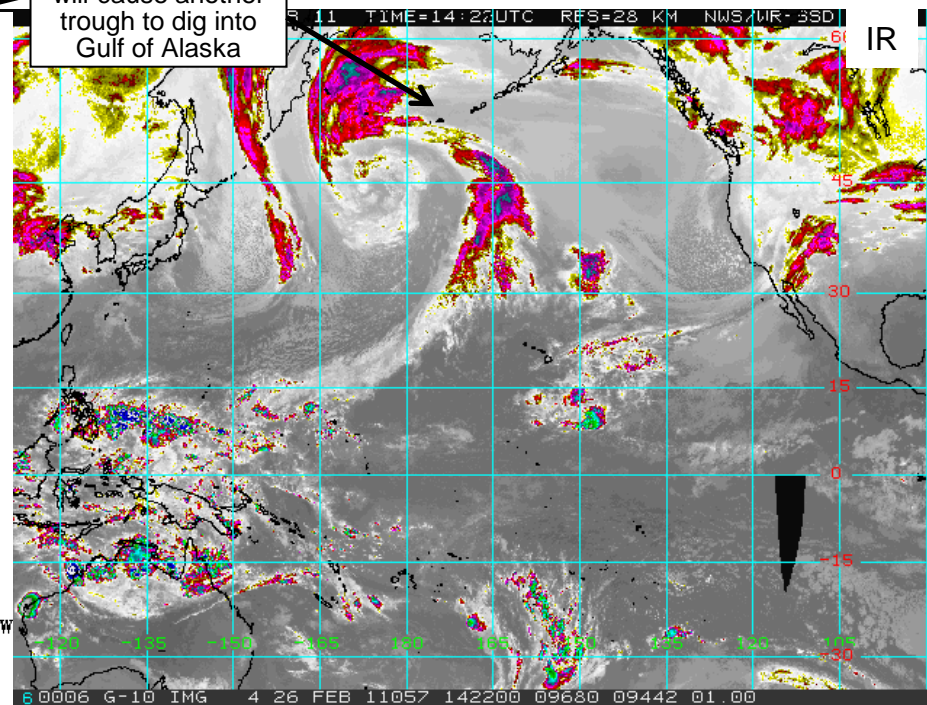
“EF0 TORNADO, 0.25 MILE DAMAGE PATH, ESTIMATED 75 MPH WIND SPEED. DAMAGE INCLUDES UPROOTED TREES, BROKEN CAR WINDOWS, AND BROKEN SIGNAGE. NO STRUCTURAL DAMAGE OR INJURIE (STO)”

Conditions at sunrise

February 26, 2011 1300 UTC Preceding 12 Hours
SSM/I + SSMIS Water Vapor (Wentz algorithm)

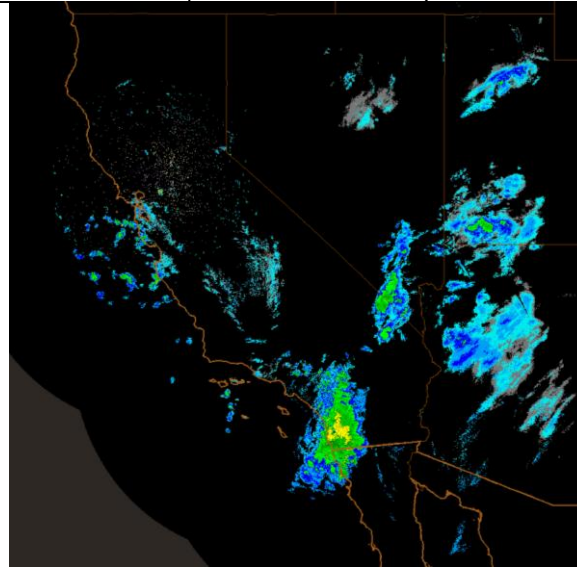
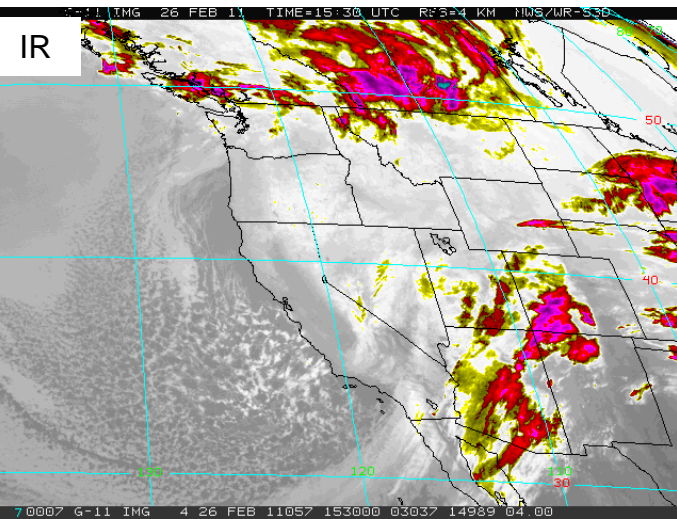


Massive ridge amplification ahead extratropical system will cause another trough to dig into Gulf of Alaska

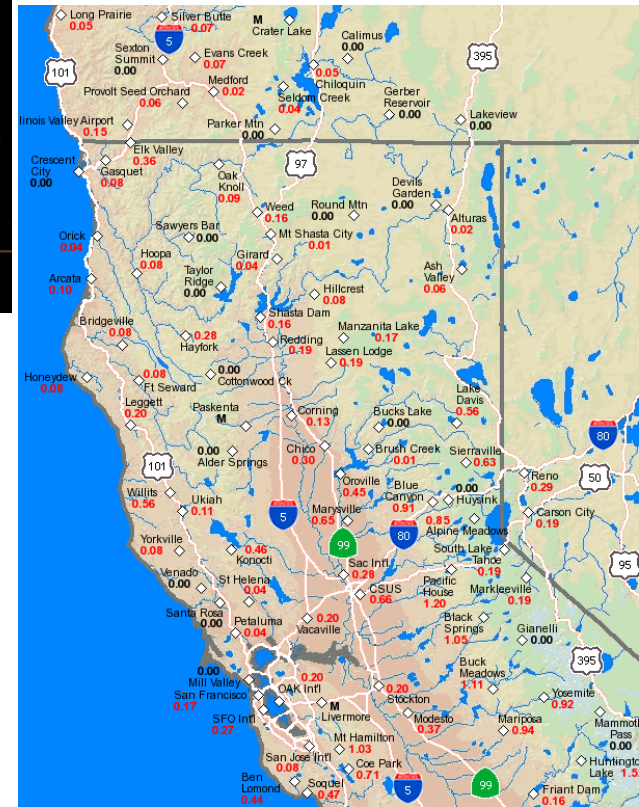


Conditions at sunrise

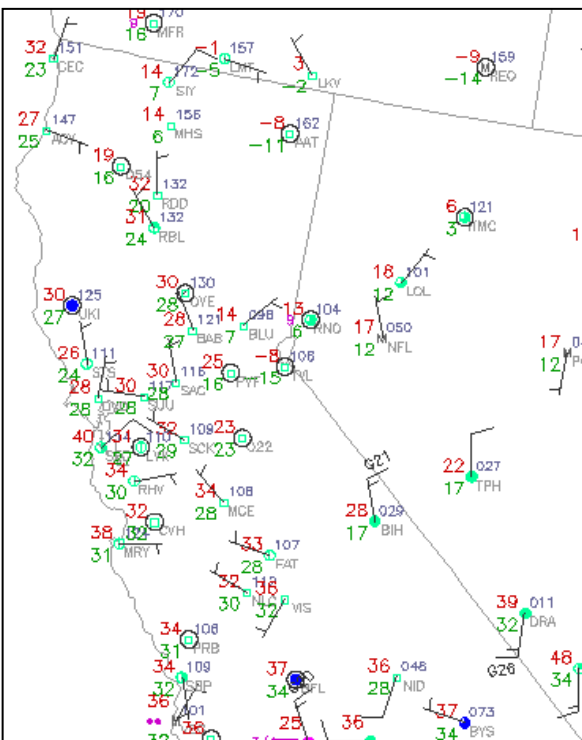
Composite radar



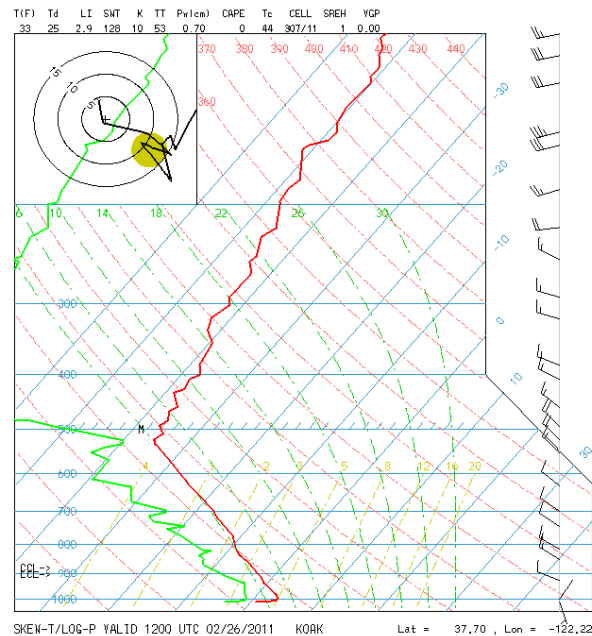
24-h precip



Surface

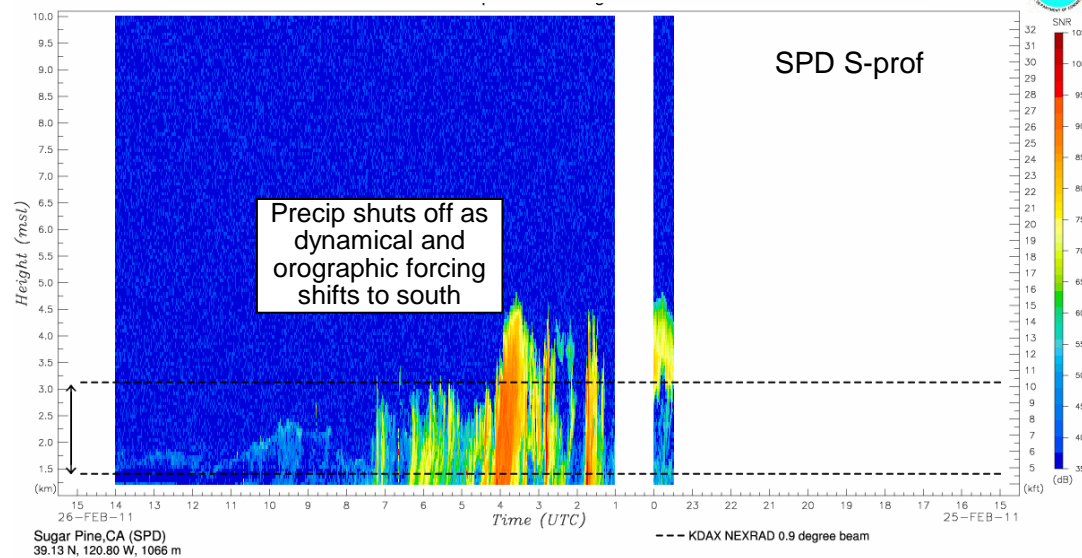
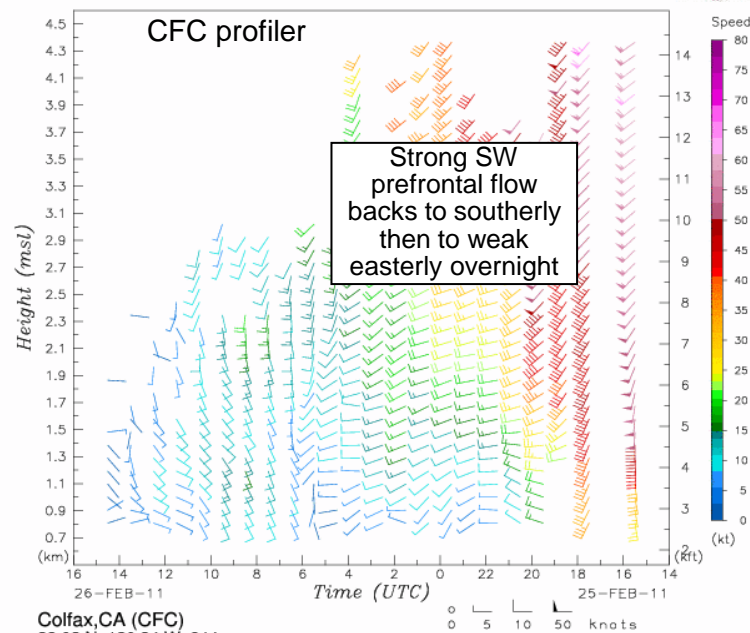


OAK Sounding

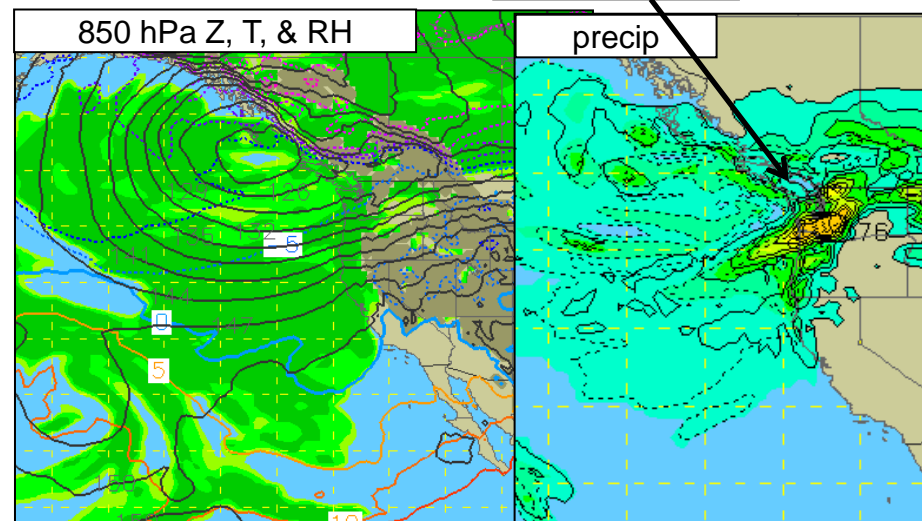
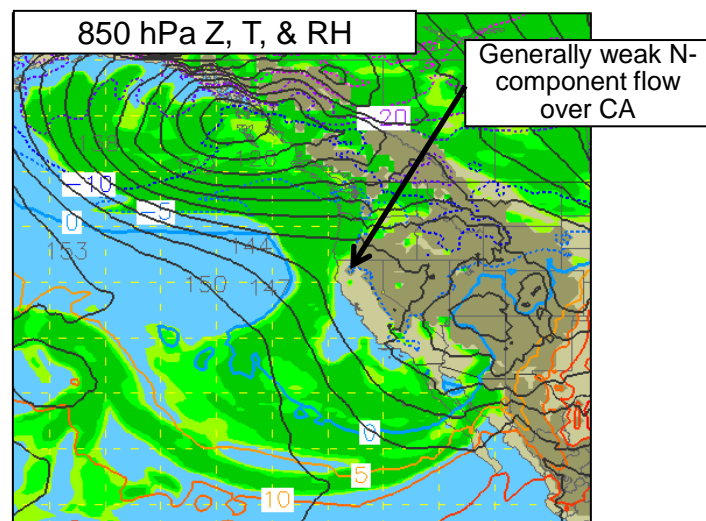
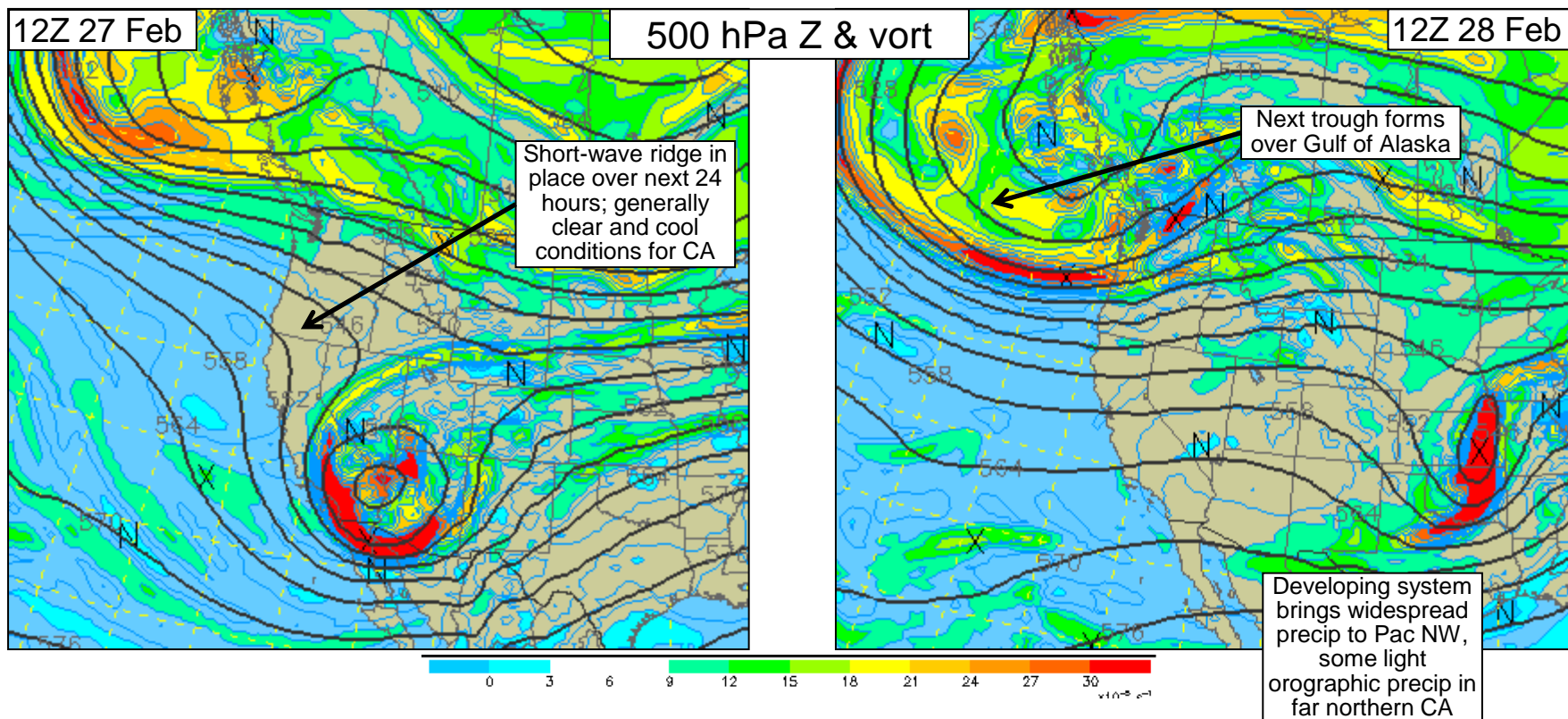


More obs

ESRL Physical Sciences Division Wind Profiling Radar

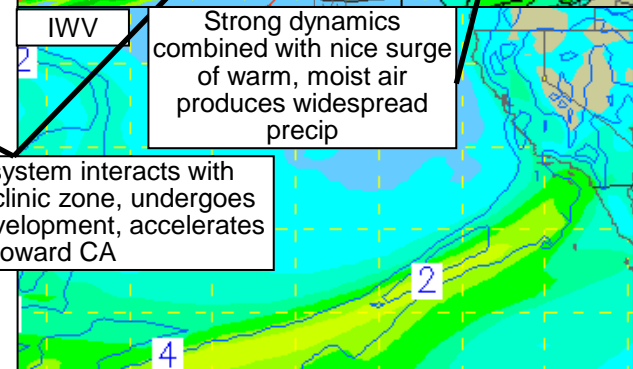
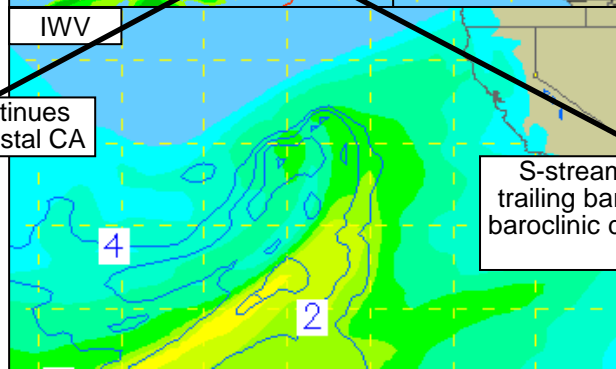
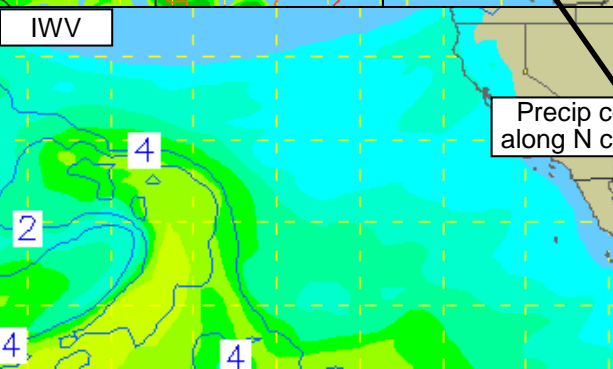
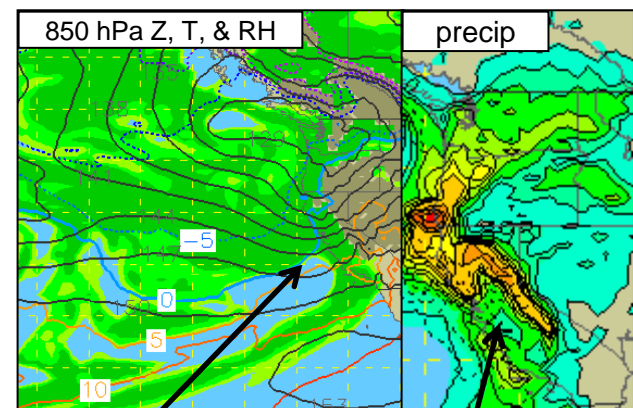
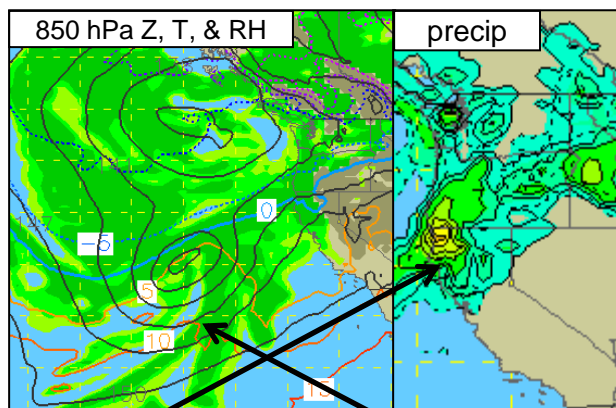
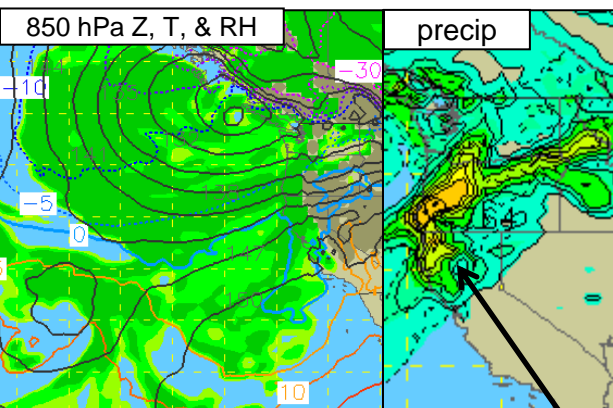
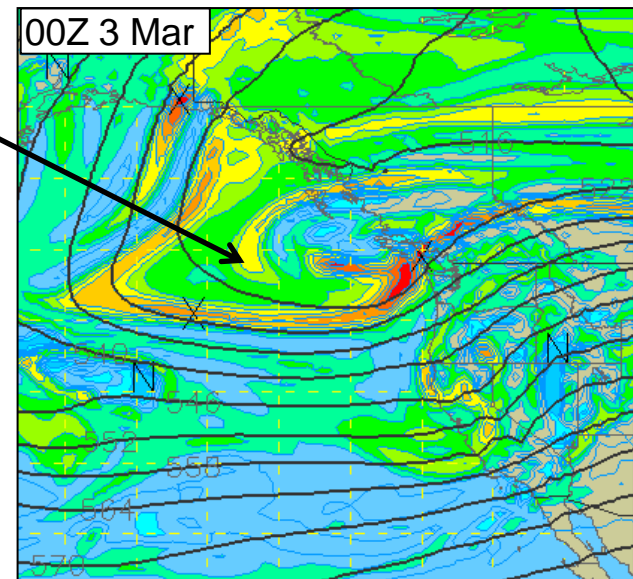
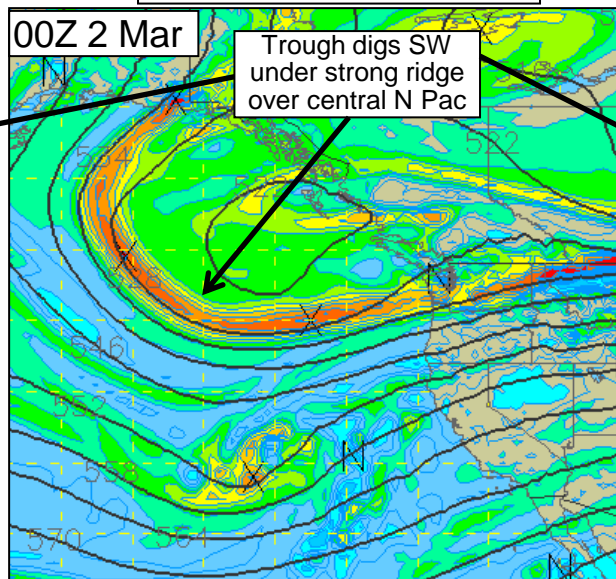
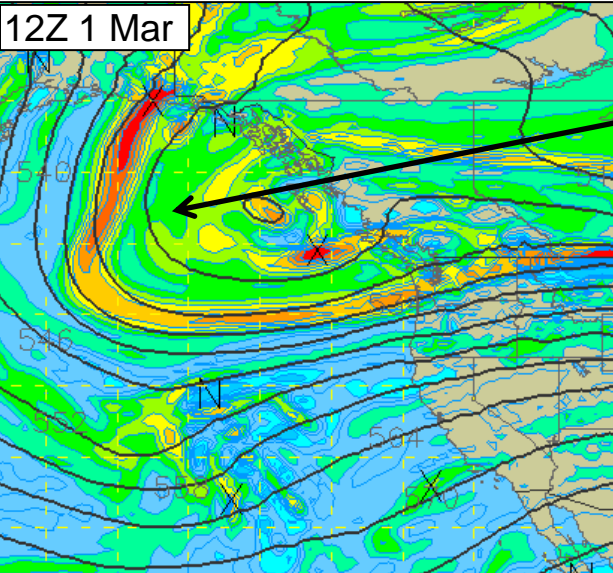


Short-range outlook: 12Z 27 Feb – 12Z 28 Feb



Medium-range forecast: 1–3 Mar

500 hPa Z & vort



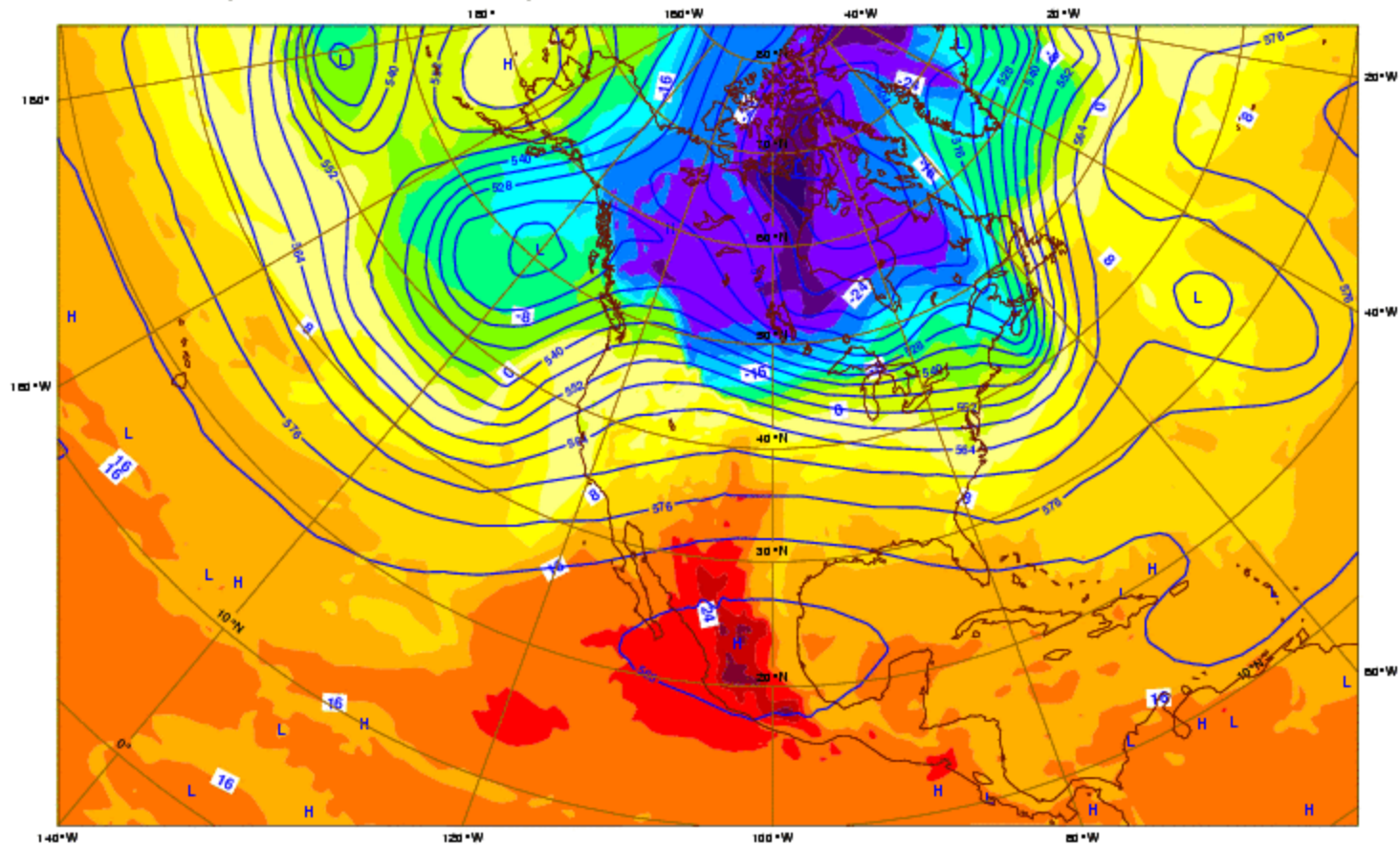
Precip continues along N coastal CA

S-stream system interacts with trailing baroclinic zone, undergoes baroclinic development, accelerates toward CA

Strong dynamics combined with nice surge of warm, moist air produces widespread precip

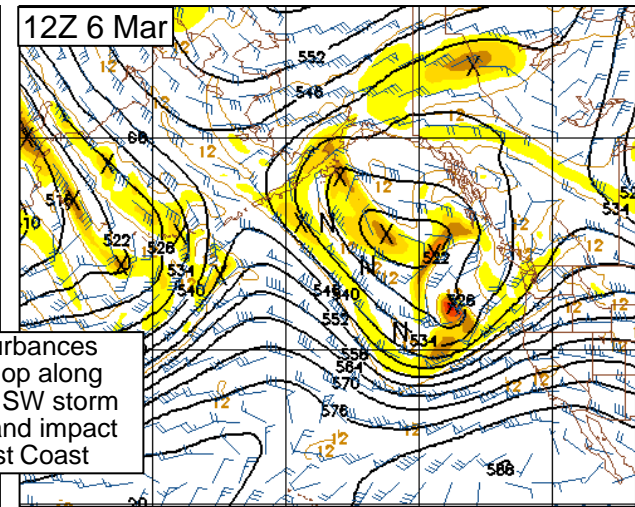
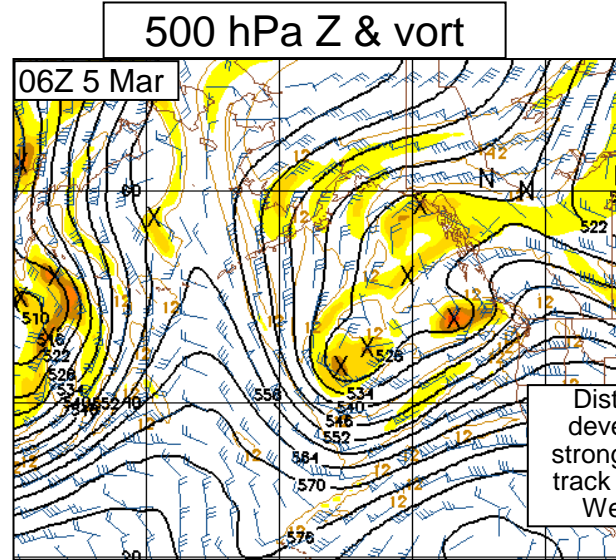
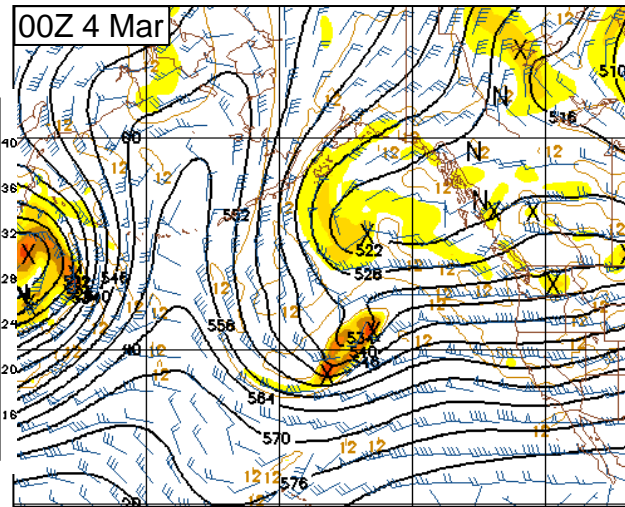
Last night's EC solution at 00Z 2 Mar

Saturday 26 February 2011 00UTC ©ECMWF Forecast t+096 VT: Wednesday 2 March 2011 00UTC
850 hPa Temperature / 500 hPa Geopotential



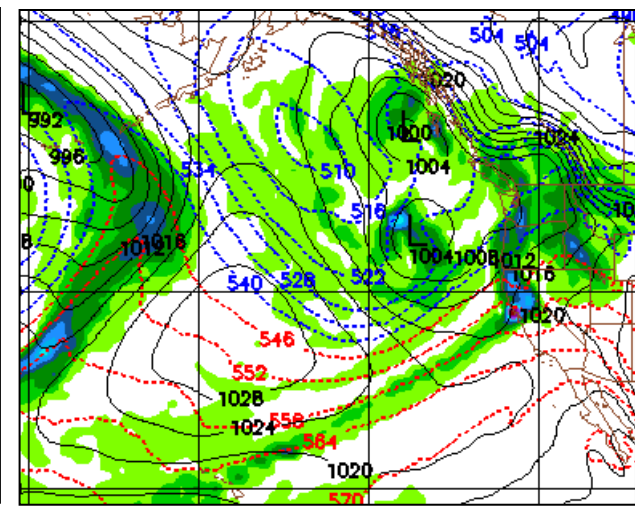
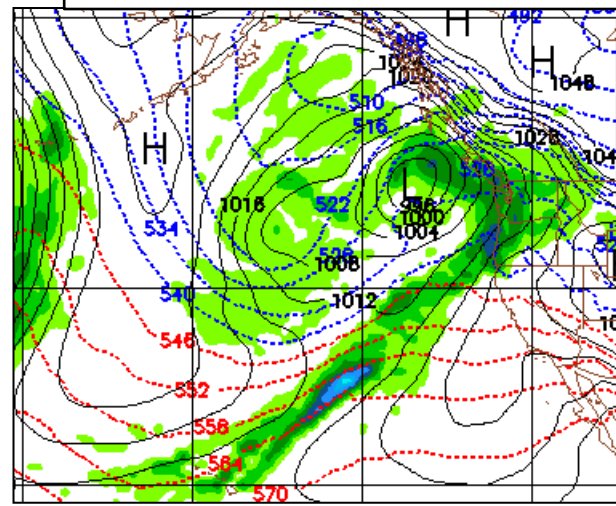
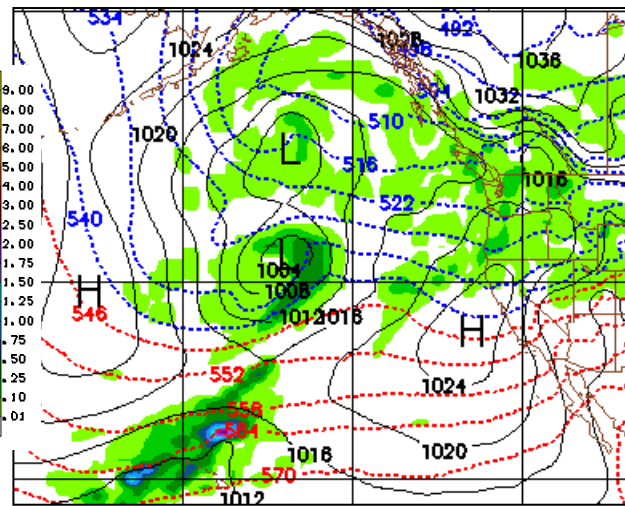
Long-range outlook 132 h and
beyond

General large-scale
pattern persists...



Disturbances
develop along
strong SW storm
track and impact
West Coast

MSLP, thickness, precip



Long-range outlook from 00Z (last night) EC

Saturday 26 February 2011 00UTC ©ECMWF Forecast t+216 VT: Monday 7 March 2011 00UTC
850 hPa Temperature / 500 hPa Geopotential

